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| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | ATTORNEY'S DOCKET NUMBER CH2852USPCT 807538356 |
| INTERNATIONAL APPLICATION NO. PCT/US03/40327 | INTERNATIONAL FILING DATE 12 December 2003 (12.12.03) | PRIORITY DATE CLAIMED 16 December 2002 (16.12.02) |
| TITLE OF INVENTION PROCESS AND TUBULAR REACTOR FOR RECOVERY OF CHLORINE FROM IRON CHLORIDES | | |
| APPLICANT(S) FOR DO/EO/US BULLER, Thomas J. Et. Al. | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). | | |
| Items 11 to 20 below concern document(s) or information included: | | |
| <ol style="list-style-type: none"> 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: - See Attached Page | | |

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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| U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/538356 | | INTERNATIONAL APPLICATION NO. PCT/US03/40327 | | ATTORNEY'S DOCKET NUMBER CH2852USPCT | |
| 21. The following fees are submitted: | | | | | |
| <input checked="" type="checkbox"/> a) Basic national fee..... | | | | \$ 300.00 | |
| <input checked="" type="checkbox"/> b) Examination fee..... | | | | \$ 200.00 | |
| <input checked="" type="checkbox"/> c) Search fee..... | | | | \$ 500.00 | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$1000.00 | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | |
| Total Sheets | Extra sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | | |
| - 100 = | /50 = | | x \$250.00 | \$ | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). <input checked="" type="checkbox"/> | | | | \$ 130.00 | |
| CLAIMS | | NUMBER FILED | NUMBER EXTRA | RATE | |
| Total claims | | 29 - 20 = | 9 | x \$50.00 | \$ 450.00 |
| Independent claims | | 2 - 3 = | 0 | x \$200.00 | \$ 0.00 |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) YES <input checked="" type="checkbox"/> | | | | + \$360.00 | \$ 360.00 |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$ 1,940.00 | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | | | | \$ 0.00 | |
| SUBTOTAL = | | | | \$ 1,940.00 | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). <input type="checkbox"/> | | | | \$ 0.00 | |
| TOTAL NATIONAL FEE = | | | | \$ 1,940.00 | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property <input type="checkbox"/> | | | | \$ 0.00 | |
| TOTAL FEES ENCLOSED = | | | | \$ 1,940.00 | |
| | | | | Amount to be refunded: | \$ |
| | | | | Amount to be charged: | \$ |
| <p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 04-1928 in the amount of \$ 1,940.00 to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-1928. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> | | | | | |
| <p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO:</p> <div style="border: 1px solid black; padding: 5px; width: fit-content;"> <p>SINNOTT, Jessica M. E. I. DU PONT DE NEMOURS AND COMPANY Legal Patent Records Center 4417 Lancaster Pike Wilmington, Delaware 19805 United States of America</p> </div> <div style="margin-top: 20px; text-align: right;"> <p> SIGNATURE SINNOTT, JESSICA M. NAME 34,015 REGISTRATION NUMBER</p> </div> | | | | | |

10/538356

PTO -1390 FORM - PAGE 3 ^{JC20} Rec'd PCT/PTO 1 3 JUN 2005

BOX 20: Other Items or Information:

1. Express Label EV537168665 US
2. Title listed on this form has been established by the Searching Authority (PCT/ISA/210 form attached)
3. PCT/IB/306 Form Adding Stephen A. Hallock as Applicant for US and Inventor for all Designated States
4. Request to Correct Designation of Applicant or Inventor (Rule 92 bis) For Thomas Joseph Buller

THE INTERNATIONAL BUREAU OF WIPO
and
THE EUROPEAN PATENT OFFICE

In the Application of:

E. I. DU PONT DE NEMOURS AND COMPANY

Case No.: CH2852PCT

International Application No.: PCT/US03/040327

International Filing Date: 12 DECEMBER 2003

For: PROCESS FOR RECOVERY OF CHLORINE FROM IRON CHLORIDES USING A
TUBULAR REACTION

Wilmington, Delaware 19898
Date: 7 June, 2005

THE INTERNATIONAL BUREAU OF WIPO
34 Chemin des Colombettes
1211 Geneva 20
SWITZERLAND
SENT VIA FACSIMILE

EUROPEAN PATENT OFFICE
Erhardstrasse 27
D-88331 Munchen
DE

REQUEST PURSUANT TO PCT RULE 92^{bis}.1(a)
TO CORRECT DESIGNATION OF AN APPLICANT OR INVENTOR

Applicant is filing this paper to inform the RO that an Applicant has been
misdesignated and needs to be correctly designated in this application. Please change the
following:

AS IS: Applicant only
All designated states except US
BULLER, Thomas, Joseph
204 Delaney Circle
Dickson, TN 37055
United States of America
US
US

SHOULD BE: Applicant and inventor
US only
BULLER, Thomas, Joseph
204 Delaney Circle
Dickson, TN 37055
United States of America
US
US

ALL THE OTHER INFORMATION REMAINS THE SAME. Please update all the
necessary records to reflect this change.

Respectfully submitted,
E. I. DU PONT DE NEMOURS AND COMPANY
By: Roger A. Bowman
Roger A. BOWMAN, Asst. Secretary Patent Board